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Moscow, Pravda, 3 Nov 53

The Leningrad Metal Plant imeni Stalin has just completed tests on a 100,000-kilowatt steam turbine. Engineers are now at work aligning the casings of the new turbine on the stand. A new method enables them to align both the high pressure and the low pressure casing at the same time, cutting down the time for this operation by 50 percent.

Recently, a 25,000-kilowatt steam turbine successfully passed its plant tests.

On 31 October, the hydroturbine shop completed its second direct-flow hydroturbine. [ ] For a description of the first direct-flow hydroturbine built by the Leningrad Metal Plant imeni Stalin.]

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Ashkhabad, Turkmeneskaya Iskra, 11 Jun 53

By changing the design of the diaphragm, designers at the Leningrad Metal Plant imeni Stalin have succeeded in reducing the weight of a 200-ton, 100,000-kilowatt, high-pressure steam turbine by nearly 70 tons. This change effects a considerable saving in stainless steel. The Polytechnical Institute imeni Kalinin and other scientific establishments aided the plant in achieving this metal saving.

SMELTING PRODUCTION GOES INTO GES TURBINES -- Leningradskaya Pravda, 17 Nov 53

The open-hearth workers at the Leningrad Plant imeni Lenin have met their year plan for production of molten steel 46 days early. While the plant has succeeded in performing 65 percent of its smelting on a high-speed schedule, it has also increased the between-repairs operating term of its furnace from 160 to 235 melts.

Much of the metal produced by the smelters has gone into cast parts for the hydroturbines for the Kuybyshevskaya, Gor'kovskaya, and other GES projects.

Ashkhabad, Turkmeneskaya Iskra, 11 Jun 53

A 14,000-kilowatt steam turbine recently built at the Leningrad Plant imeni Lenin is 1 1/2 tons lighter than previous models [of this capacity]. An 18,000-kilowatt turbine, designed by engineers V. Zvyagintsev and R. Voskresenskiy, will be one half the weight of models [of the same capacity] now in operation but will require one third the amount of nonferrous metal.

PRODUCE ABOVE-PLAN TURBINES -- Vil'nyus, Sovetskaya Litva, 11 Nov 53

The Kaunas Pergale Plant turned out several above-plan turbines during October. For the fourth consecutive time, the plant has won first place in an all-Union competition, and the transferable Red Banner of the Council of Ministers USSR and the All-Union Central Council of Trade Unions.

TURBINE PLANT BUILDS MACHINE TOOLS FOR MTS -- Moscow, Trud, 15 Nov 53

The Syzran' Hydroturbine Plant, joining other industrial enterprises in rendering aid to MTS, has built ten metalworking machine tools for the Gubinskaya, Usol'skaya, and Shigonskaya MTS.

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NEW BOILER SUITABLE FOR HOUSES, APARTMENTS -- Vil'nyus, Sovetskaya Litva,  
15 Nov 53

The Kaunas Neris Plant is the first in the Lithuanian SSR to establish production of a new type of small boiler for central heating purposes. The boilers are designed for use in heating entire houses as well as individual apartments.

The first groups of the new boilers have been shipped to Moscow and to Leningrad. In the next few months, production of the boilers should increase considerably.

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